

CLAIMS

1. A disposable apparatus for use in blood testing and being adapted for simultaneous dilution of a blood sample (S) into at least two different dilution ratios, said apparatus
5 including a housing (21) having integrated therein means (41) for receiving a blood sample (S), a plurality of receptacles (28 - 33) for diluent and diluted sample, and a plurality of channels (34 - 39),

c h a r a c t e r i z e d b y

- 10 - depressions in at least one surface (27) of the housing, said depressions at least partly defining the receptacles (28 - 33) and the channels;

- diaphragm means (40) sealing the receptacles and the channels relative to said at least one surface (27).

- 15 2. The disposable apparatus according to claim 1, c h a r a c t e r i z e d i n that said diaphragm means entirely covers said at least one surface.

3. The disposable apparatus according to claim 1, c h a r a c t e r i z e d by valve means (45, 54) within said
20 housing (21) controllable for directing diluent and diluted sample between selected receptacles.

4. The disposable apparatus according to claim 3, c h a r a c t e r i z e d i n that the valve means include a valve slide (54) slidably guided in an aperture (45) in the
25 housing.

5. The disposable apparatus according to claim 1, c h a r a c t e r i z e d i n that portions of said diaphragm means (40) sealing the receptacles are flexible in response to a pressure variation applied thereon.

6. The disposable apparatus according to claim 1, characterized by a blood sample receiving channel (41) in the housing communicating with two of the depressions forming channels (34, 37).

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7. The disposable apparatus according to claim 1, characterized in that the housing (21) is translucent and has integrated therein a light path (64) for performing photometric measurement on material contained in at least one of the receptacles (33).

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8. An instrument for controlling the apparatus according to claim 1, characterized by pressure actuating means (92) adapted to apply a pressure on at least one portion of the diaphragm means sealing a selected receptacle (33).

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9. A method for controlling an apparatus according to claim 1, characterized in that a pressure is applied on at least one portion of the diaphragm means sealing a selected receptacle.